Author index

Annunziato, L., see Taglialatela, M. (1026) 126
Antonenko, Y.N. and Yaguzhinsky, L.S.
Effect of changes in cation concentration near bilayer lipid membrane on the rate of carrier-mediated cation fluxes and on the carrier apparent selectivity (1026) 236
Atkins, A.R., see Smith, R. (1026) 161

Baer, H.P. and Moorji, A.
Sodium-dependent and inhibitor-insensitive uptake of adenosine by mouse peritoneal exudate cells (1026) 241
Barth, R.F., see Schwendener, R.A. (1026) 69
Benaim, G. and De Meis, L.
Similarities between the effects of dimethyl sulfoxide and calmodulin on the red blood cell Ca^{2+}-ATPase (1026) 87
Berberan-Santos, M., see Faria, J.L. (1026) 133
Betakis, E., see Julien, T. (1026) 43
Bevers, E.M., see Comfurius, P. (1026) 153
Bianco, I.D., Fidelio, G.D. and Maggio, B.
Effect of sulfatide and gangliosides on phospholipase C and phospholipase A_2 activity. A monolayer study (1026) 179
Blostein, R., see Dhir, R. (1026) 141
Bondeson, J. and Sundler, R.
Promotion of acid-induced membrane fusion by basic peptides. Amino acid and phospholipid specificities (1026) 186
Bondy, S.C., McKee, M. and Davoodbhoy, Y.M.
Prevention of chemically induced changes in synaptosomal membrane order by ganglioside GM_1 and α-tocopherol (1026) 213
Borowski, E., see Wietzerbin, J. (1026) 93
Borst-Pauwels, G.W.F.H., see Van de Mortel, J.B.J. (1026) 220
Bourdel, G., Forestier, M. and Gouhot, B.
Na^+-dependent transport of alanine and serine by liver plasma-membrane vesicles from rats fed a low-protein or a high-protein diet (1026) 1
Breitbart, H., Wehbie, R. and Lardy, H.A.
Calcium transport in bovine sperm mitochondria: effect of substrates and phosphate (1026) 57
Büldt, G., see Dencher, N.A. (1026) 51

Canzoniero, L.M.T., see Taglialatela, M. (1026) 126
Carter, N.D., Fryer, A., Grant, A.G., Hume, R., Strange, R.G. and Wistrand, P.J.
Membrane specific carbonic anhydrase (CAIV) expression in human tissues (1026) 113
Chanturiya, A.N.
Detection of transient capacitance increase associated with channel formation in lipid bilayers (1026) 248
Chi, L.-M., see Wu, W. (1026) 225
Comfurius, P., Senden, J.M.G., Tilly, R.H.J., Schroit, A.J., Bevers, E.M. and Zwaal, R.F.A.
Loss of membrane phospholipid asymmetry in platelets and red cells may be associated with calcium-induced shedding of plasma membrane and inhibition of aminophospholipid translocase (1026) 153
Cornelius, F.
Variable stoichiometry in reconstituted shark Na,K-ATPase engaged in uncoupled efflux (1026) 147
Cornell, B.A., see Smith, R. (1026) 161
Cossins, A.R., see Lee, J.A.C. (1026) 195

Dabbeni-Sala, F., Schiavo, G. and Palatini, P.
Mechanism of local anesthetic effect on mitochondrial ATP synthase as deduced from photolabelling and inhibition studies with phenothiazine derivatives (1026) 117
Davoodbhoy, Y.M., see Bondy, S.C. (1026) 213
De Meis, L., see Benaim, G. (1026) 87
De Moraes, V.L.G.
Dimethyl sulfoxide: a possible effect on the interconversion of phosphorylated forms of Na^+,K^+-ATPase (1026) 135
Dencher, N.A., Papadopoulos, G., Dresselhaus, D. and Büldt, G.
Light- and dark-adapted bacteriorhodopsin, a time-resolved neutron diffraction study (1026) 51
Dhir, R., Nishioka, Y. and Blostein, R.
Na,K-ATPase isoform expression in sheep red blood cell precursors (1026) 141
Di Renzo, G., see Taglialatela, M. (1026) 126
Dolly, J.O., see Matsuoka, I. (1026) 99
Dresselhaus, D., see Dencher, N.A. (1026) 51

Faelli, A., see Orsenigo, M.N. (1026) 64
Faria, J.L., Berberan-Santos, M. and Prieto, M.J.E.
A comment on the localization of cyanine dye binding to brush-border membranes by the fluorescence quenching of *n*-(9-anthroyloxy) fatty acid probes (1026) 133
Fatatis, A., see Taglialatela, M. (1026) 126
Fidelio, G.D., see Bianco, I.D. (1026) 179
Forestier, M., see Bourdel, G. (1026) 1
Fryer, A., see Carter, N.D. (1026) 113

Gary-Bobo, C.M., see Wietzerbin, J. (1026) 93
Gordon, D., Moskowitz, H. and Zlotkin, E.
Sodium channel polypeptides in central nervous systems of various insects identified with site directed antibodies (1026) 80
Gouhot, B., see Bourdel, G. (1026) 1
Grant, A.G., see Carter, N.D. (1026) 113
Groscurth, P., see Schwendener, R.A. (1026) 69
Gruner, S.M., see Lewis, R.N.A.H. (1026) 21
Gumpert, J., see Meyer, H.W. (1026) 171

Hartung, K., see Müller, U. (1026) 204
Hengartner, H., see Schwendener, R.A. (1026) 69
Hume, R., see Carter, N.D. (1026) 113

Ikeda, T., Yamaguchi, H. and Tazuke, S.
Phase separation in phospholipid bilayers induced by biologically active polycations (1026) 105

Julien, T., Betakis, E. and Zaki, L.
Chemical properties of the anion transport inhibitory binding site of arginine-specific reagents in human red blood cell membranes (1026) 43

Knoll, W., see Mittler-Neher, S. (1026) 167
Koechlin, N., see Le Maout, S. (1026) 29
Koschel, K., see Tas, P.W.L. (1026) 40
Kress, H.G., see Tas, P.W.L. (1026) 40

Langhals, H., see Schwendener, R.A. (1026) 69
Lardy, H.A., see Breitbart, H. (1026) 57

Lee, J.A.C. and Cossins, A.R.
Temperature adaptation of biological membranes: differential homoeoviscous responses in brush-border and basolateral membranes of carp intestinal mucosa (1026) 195
Le Maout, S., Tauc, M., Koechlin, N. and Poujeol, P.
Polarized $^{86}Rb^{+}$ effluxes in primary cultures of rabbit kidney proximal cells: role of calcium and hypotonicity (1026) 29
Lewis, R.N.A.H., Yue, A.W.B., McElhaney, R.N., Turner, D.C. and Gruner, S.M.
Thermotropic characterization of the 2-*O*-acyl,polyprenyl α-D-glucopyranoside isolated from palmitate-enriched *Acholeplasma laidlawii* B membranes (1026) 21

Maggio, B., see Bianco, I.D. (1026) 179
Matsuoka, I. and Dolly, J.O.
Identification and localization of low-molecular-mass GTP-binding proteins associated with synaptic vesicles and other membranes (1026) 99
McElhaney, R.N., see Lewis, R.N.A.H. (1026) 21
McKee, M., see Bondy, S.C. (1026) 213
Meyer, H.W., Richter, W. and Gumpert, J.
Periodically curved bilayer structures observed in hyphal cells or stable L-form cells of a *Streptomyces* strain, and in liposomes formed by the extracted lipids (1026) 171
Mittler-Neher, S. and Knoll, W.
pH-control of the miscibility properties of a binary lipid alloy and its influence on the ion transport by gramicidin (1026) 167
Moorji, A., see Baer, H.P. (1026) 241
Moskowitz, H., see Gordon, D. (1026) 80
Müller, U. and Hartung, K.
Properties of three different ion channels in the plasma membrane of the slime mold *Dictyostelium discoideum* (1026) 204

Nishioka, Y., see Dhir, R. (1026) 141

Orsenigo, M.N., Tosco, M., Zoppi, S. and Faelli, A.
Characterization of basolateral membrane Na/H antiport in rat jejunum (1026) 64

Palatini, P., see Dabbeni-Sala, F. (1026) 117
Papadopoulos, G., see Dencher, N.A. (1026) 51
Poujeol, P., see Le Maout, S. (1026) 29
Prieto, M.J.E., see Faria, J.L. (1026) 133

Reinach, P.S. and Schoen, H.F.
NPPB inhibits the basolateral membrane K^{+} conductance in the isolated bullfrog cornea (1026) 13
Richter, W., see Meyer, H.W. (1026) 171

Schiavo, G., see Dabbeni-Sala, F. (1026) 117
Schoen, H.F., see Reinach, P.S. (1026) 13
Schott, H., see Schwendener, R.A. (1026) 69
Schroit, A.J., see Comfurius, P. (1026) 153
Schwendener, R.A., Trüb, T., Schott, H., Langhals, H., Barth, R.F., Groscurth, P. and Hengartner, H.
Comparative studies of the preparation of immunoliposomes with the use of two bifunctional coupling agents and investigation of in vitro immunoliposome-target cell binding by cytofluorometry and electron microscopy (1026) 69
Senden, J.M.G., see Comfurius, P. (1026) 153
Separovic, F., see Smith, R. (1026) 161
Smith, R., Thomas, D.E., Atkins, A.R., Separovic, F. and Cornell, B.A.
Solid-state ^{13}C-NMR studies of the effects of sodium ions on the gramicidin A ion channel (1026) 161
Strange, R.G., see Carter, N.D. (1026) 113
Sundler, R., see Bondeson, J. (1026) 186
Szponarski, W., see Wietzerbin, J. (1026) 93

Taglialatela, M., Canzoniero, L.M.T., Fatatis, A., Di Renzo, G., Yasumoto, T. and Annunziato, L.
Effect of maitotoxin on cytosolic Ca^{2+} levels and membrane potential in purified rat brain synaptosomes (1026) 126
Tas, P.W.L., Kress, H.G. and Koschel, K.
Lack of selectivity between anesthetic stereoisomers for an inhibitory site which is located on a membrane protein (1026) 40
Tauc, M., see Le Maout, S. (1026) 29
Tazuke, S., see Ikeda, T. (1026) 105
Theuvenet, A.P.R., see Van de Mortel, J.B.J. (1026) 220
Thomas, D.E., see Smith, R. (1026) 161
Tilly, R.H.J., see Comfurius, P. (1026) 153
Tosco, M., see Orsenigo, M.N. (1026) 64
Trüb, T., see Schwendener, R.A. (1026) 69
Turner, D.C., see Lewis, R.N.A.H. (1026) 21

Van de Mortel, J.B.J., Theuvenet, A.P.R. and Borst-Pauwels, G.W.F.H.
A putative K^{+}-selective channel in the plasma membrane of yeast that is blocked by micromolar concentrations of external divalent cations and is insensitive to tetraethylammonium (1026) 220

Wehbie, R., see Breitbart, H. (1026) 57
Wietzerbin, J., Szponarski, W., Borowski, E. and Gary-Bobo, C.M.
Kinetic study of interaction between [^{14}C]amphotericin B derivatives and human erythrocytes: relationship between binding and induced K^{+} leak (1026) 93
Wistrand, P.J., see Carter, N.D. (1026) 113
Wu, W. and Chi, L.-M.
Comparisons of lipid dynamics and packing in fully interdigitated monoarachidoylphosphatidylcholine and non-interdigitated dipalmitoylphosphatidylcholine bilayers: cross polarization/magic angle spinning ^{13}C-NMR studies (1026) 225

Yaguzhinsky, L.S., see Antonenko, Y.N. (1026) 236
Yamaguchi, H., see Ikeda, T. (1026) 105
Yasumoto, T., see Taglialatela, M. (1026) 126
Yue, A.W.B., see Lewis, R.N.A.H. (1026) 21

Zaki, L., see Julien, T. (1026) 43
Zlotkin, E., see Gordon, D. (1026) 80
Zoppi, S., see Orsenigo, M.N. (1026) 64
Zwaal, R.F.A., see Comfurius, P. (1026) 153